

RECEIVED

JUN 24 2002

TECH CENTER 1600/2900

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: INL-036DV

APPLICANT(S): Dahlbäck

SERIAL NO.: 09/912,947

FILING DATE: July 25, 2001 GROUP: 1644

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>fw</i>		A7 4,622,389	11/11/86	Nagasawa et al.	530	331	05/09/85
		A8 4,692,406	09/08/87	Becker et al.	435	13	08/20/84
		A9 4,849,403	07/18/89	Stocker et al.	514	2	05/09/86
		A10 5,147,805	09/15/92	Preda et al.	436	86	06/29/90
		A11 5,200,322	04/06/93	Matsumoto	435	13	02/28/91
		A12 5,308,756	05/03/94	van de Waart et al.	435	13	11/20/91
		A13 5,314,695	05/24/94	Brown	424	450	10/29/91
		A14 5,439,802	08/08/95	Rosen	435	13	07/04/90
		A15 5,472,850	12/05/95	Morrissey	435	13	04/10/91
		A16 5,506,112	04/09/96	Lang et al.	435	13	01/10/92
		A17 5,525,478	06/11/96	Matschiner	435	13	06/07/95
		A18 5,643,739	07/01/97	Varadi et al.	435	13	05/01/95
		A19 5,705,395	06/06/98	Griffin et al.	436	69	11/14/94
		A20 5,716,795	02/10/98	Matschiner	435	13	01/03/96
		A21 5,726,028	03/10/98	Kraus	435	13	08/04/95
		A22 5,753,510	05/19/98	Kraus	436	16	11/07/95
		A23 5,766,869	06/16/98	Arkel et al.	435	13	11/27/96
		A24 5,780,255	07/14/98	Preda	435	23	06/09/95
		A25 5,834,223	11/10/98	Griffen et al.	435	13	12/18/97
		A26 6,083,757	07/04/00	Griffen et al.	436	69	11/10/98
EXAMINER	<i>fw</i>			DATE CONSIDERED	<i>7/7/02</i>		



FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: INL-036DV APPLICANT(S): Dahlbäck SERIAL NO.: 09/912,947 FILING DATE: July 25, 2001 GROUP: 1644					RECEIVED JUN 24 2002 TECH CENTER 1600/2900	
FOREIGN PATENT DOCUMENTS										
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRAC T ONLY	ENGLISH LANG (Y/N)	
<i>EW</i>	B7	92/08479 ✓	05/29/92	PCT			11/04/91	No	Yes	
	B8	93/10261 ✓	05/27/93	PCT			05/13/92	No	Yes	
	B9	A 0 229 234 ✓	7/22/87	EP			10/16/86	In English	No	
OTHER ART, JOURNAL ARTICLES, ETC.										
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)									
	C51	Beck et al. "Protein C: ein Inhibitor der Blutgerinnung," <u>Diagnose & Labor</u> , 38:35-42 (Abstract in English) (1988). ✓								
	C52	Bertina. "Specificity of Protein C and Protein S Assays," <u>Res. Clin. Lab.</u> , 20:127-138 (1990). ✓								
	C53	Bertina et al. "Determination of Plasma Protein S - The Protein Cofactor of Activated Protein C," <u>Thrombosis Haemostasis</u> , 268-272 (1985). ✓								
	C54	Blombäck et al. "Chromogenic Peptide Substrates in the Laboratory Diagnosis of Clotting Disorders," <u>Haemostasis and Thrombosis</u> , Bloom and Thomas (eds.), 2 nd ed, 967-981 (1987). ✓								
	C55	Comp. "Laboratory Evaluation of Protein S Status," <u>Seminars Thromb. Haemost.</u> , 16(2):177-181 (1990). ✓								
	C56	Cornillon et al. "Rat Coagulation Factor V Purification and Production of the Monospecific Antiserum," <u>Comp. Biochem. Physiol.</u> , 83B, 2:397-401 (1986). ✓								
	C57	"Correlation of the APC Ratio with Free Protein S Antigen and with Protein C Activity." ✓ Appendix 5, 3 pages (Publication date not known).								
<i>EW</i>	C58	Cripe et al. "Structure of the Gene for Human Coagulation Factor V," <u>Biochemistry</u> , 31:3777-3785 (1992). ✓								
EXAMINER				DATE CONSIDERED 7/7/02						



RECEIVED

JUN 24 2002

TECH CENTER 1600/2900

FORM PTO - 1449		ATTORNEY DOCKET NO.: INL-036DV
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Dahlbäck
		SERIAL NO.: 09/912,947
		FILING DATE: July 25, 2001 GROUP: 1644
C59	Dade Behring Marburg GmbH, "Pathromitin [®] ," 1 page (Partial English translation provided) (2000).	✓
C60	Deutsche Norm, DIN 58 911, "Kalibrierung ven Gerinnungszeit-Meßverfahren," 3 pages (English translation provided) (1988).	✓
C61	Deutsche Norm, DIN 58 939, "Referenzplasma," 4 pages (English translation provided) (1987).	✓
C62	Diagnostika Stago "STACLOT [®] PROTEIN C Additional Information," 1 page (Publication date unknown).	✓
C63	Diagnostika Stago "STACLOT [®] PROTEIN S Additional Information," 1 page (Publication date unknown).	✓
C64	Edson et al. "Laboratory Diagnosis of Inherited Protein S Deficiency," <u>Am. J. Clin. Pathol.</u> , 94(2):176-186 (1990).	✓
C65	Exner et al. "A Sensitive Test Demonstrating Lupus Anticoagulant and its Behavioural Patterns," <u>Br. Haematol.</u> , 40:143-151 (1978).	✓
C66	Faioni et al. "Low Levels of the Anticoagulant Activity of Protein C in Patients with Chronic Renal Insufficiency: an Inhibitor of Protein C is Present in Uremic Plasma," <u>Thrombosis and Haemostasis</u> , 66(4):420-425 (1991).	✓
C67	Han et al. "A Simple Functional Protein S Assay Using PROTAC [®] ," <u>Clin. Lab. Haemat.</u> , 12:201-208 (1990).	✓
C68	Hoffmann et al. "Comparison of Reagents for Determining the Activated Partial Thromboplastin Time," <u>Thromb. Haemost.</u> , 39:640-645 (1978).	✓
C69	Holmberg et al. "Assessment of Blood Coagulation and General Haemostasis," <u>Haemostasis and Thrombosis</u> (Bloom et al. Ed.), Churchill Livingstone, London, 768-774 (1981).	✓
C70	Hoogendoorn et al. " α_2 -Macroglobulin Binds and Inhibits Activated Protein C," <u>Blood</u> , 78(9):2283-2290 (1991).	✓
C71	Kamiya et al. "Inherited Deficiency of Protein S in a Japanese Family with Recurrent Venous Thrombosis: A Study of Three Generations," <u>Blood</u> , 67(2):406-410 (1986).	✓
C72	Kobayashi et al. "Functional Activity of Protein S Determined With Use of Protein C Activated by Venom Activator," <u>Clin. Chem.</u> , 35(8):1644-1648 (1989).	✓
C73	Koepeke et al. "Partial Thromboplastin Time-Test Proposed Performance Guidelines," <u>Thrombosis and Haemostasis</u> , 55:143-144 (1986).	✓
C74	Koster et al. "Venous Thrombosis Due to Poor Anticoagulant Response to Activated Protein C: Laiden Thrombophilia Study," <u>The Lancet</u> , 342:1503-1506 (1993).	✓
C75	Lottenberg et al. "Assay of Coagulation Proteases Using Peptide Chromogenic and Fluorogenic Substrates," <u>Methods in Enzymology</u> (Colowick et al. Ed.), vol. 8, Proteolytic Enzymes Part C (Lorand Ed.), Academic Press, 341-361 (1981).	✓
C76	Maccaferri et al. "Protein S Activity in Patients with Heredofamilial Protein S Deficiency and in Patients with Juvenile Venous Thrombosis. Results of a Functional Method," <u>Thromb. Res.</u> , 64:647-658 (1991).	✓
C77	Malm et al. "Changes In the Plasma Levels of Vitamin K-dependent Proteins C and S of C4b-Bringing Protein During Pregnancy and Oral Contraception," <u>Br. Haemat.</u> , 68:437-443 (1988).	✓
EXAMINER		DATE CONSIDERED 7/7/01



RECEIVED

JUN 24 2002

TECH CENTER 1600/2900

FORM 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: INL-036DV

APPLICANT(S): Dahlback

SERIAL NO.: 09/912,947

FILING DATE: July 25, 2001 GROUP: 1644

C78	Marlar et al. "Mechanism of Action of Human Activated Protein C, A Thrombin-Dependent Anticoagulant Enzyme," <u>Blood</u> , 59(5):1067-1072 (1982).	✓
C79	Martinoli et al. "Fast Functional Protein C Assay Using Protac, A Novel Protein C Activator," <u>Thromb. Res.</u> , 43:253-264 (1986).	✓
C80	McAlpine et al. "A PstI Polymorphism in the Human Coagulation Factor V (F5) Gene," <u>Nucleic Acids Research</u> , 18(24):7471 (1990).	✓
C81	Nilsson. "Assessment of Blood Coagulation and General Haemostasis," <u>Haemostasis and Thrombosis</u> (Bloom et al. eds.), 2 nd ed, 922-932 (1987).	✓
C82	Pollner et al. "The Activated Partial Thromboplastin Time (APTT)," <u>ECAT Assay Procedures-A Manual of Laboratory Techniques</u> (Jespersen et al. Ed.), Kluwer Academic Publishers, 35-40 (1992).	✓
C83	Preda et al. "A Prothrombin Time-Based Functional Assay of Protein S," <u>Thromb. Res.</u> , 60:19-32 (1990).	✓
C84	Rosén et al. "Protein S, An Important Regulatory Protein in Hemostasis," <u>Protein S - Chromogenix Monograph Series</u> , 21 pages (Publication date unknown).	✓
C85	Salem et al. "Human Coagulation Factor Va is a Cofactor for the Activation of Protein C," <u>Proc. Nat. Acad. Sci. USA</u> , 80:1584-1588 (1983).	✓
C86	Spaethe. "Hämostase-Physiologie, Pathophysiologie, Diagnostik," 90 (English translation provided) (1984).	✓
C87	Stocker et al. "Practical Application of the Protein C Activator Protac from Agkistrodon Contortrix Venom," <u>Folia Haematol.</u> , 115:260-263 (1988).	✓
C88	Stocker et al. "Protein C Activators in Snake Venoms," <u>Behring Inst. Mitt.</u> , 37-47 (1986).	✓
C89	Tripodi et al. "Recombinant Tissue Factor as Substitute for Conventional Thromboplastin in the Prothrombin Time Test," <u>Thromb. Haemost.</u> , 67(1):42-45 (1992).	✓
C90	Vasse et al. "Protein C: Rouen, A New Hereditary Protein C Abnormality with Low Anticoagulant but Normal Amidolytic Activities," <u>Thromb. Res.</u> , 56:387-398 (1989).	✓
C91	Voet et al. (eds.) "Biochemistry," John Wiley & Sons, Inc., 1086-1095 (1990).	✓
C92	Vukovich et al. "Replacement Therapy for a Homozygous Protein C Deficiency-State Using a Concentrate of Human Protein C and S," <u>Brit. J. Haemat.</u> , 70(4):435-440 (1988).	✓
C93	Walker. "Guidelines on The Investigation and Management of Thrombophilia," <u>J. Clin. Pathol.</u> , 43:703-709 (1990).	✓
C94	Wiesel et al. "Screening of Protein S Deficiency Using a Functional Assay in Patients with Venous and Arterial Thrombosis," <u>Thromb. Res.</u> , 58:461-468 (1990).	✓
C95	Wolf et al. "A New Functional Assay for Human Protein S Activity Using Activated Factor V as Substrate," <u>Thrombosis and Haemostasis</u> , 62:1144-1145 (1989).	✓
C96	Wolf et al. "Functional Assay of Protein S in 70 Patients with Congenital and Acquired Disorders," <u>Blood Coag. Fibrin</u> , 2:705-712 (1991).	✓
C97	Woodhams et al. "Functional Protein S Assay Shows Improved Correlation with Clinical Symptoms in Hereditary Deficiency," <u>Thromb. Res.</u> , 57:651-657 (1990).	✓
EXAMINER	DATE CONSIDERED	

2335525_1